



Rev. 06/04/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Melissa Petruska

Docket No.: S-102,311

Serial No.: 10/715,733

Examiner: Timothy J. Kugel

Filed : 11/17/2003

Art Unit: 4376

For : NANOCRYSTAL/SOL-GEL NANOCOMPOSITES

Customer No. 35068

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT/RESPONSE**

Sir:

In response to the Office Action dated August 2, 2006, please enter the following amendments to the Specification and Claims, and consider the accompanying remarks.

Remarks/Arguments begin on page 6 of this paper.

---

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

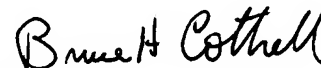
I hereby certify that this correspondence is, on the date shown below, being:

**MAILING**

☒ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

**FACSIMILE**

☐ transmitted by facsimile to the United States Patent and Trademark Office



Signature

Date 2/2/07

Bruce H. Cottrell  
(type or print name of person certifying)

02/06/2007 SSITHIB1 00000041 122150 10715733  
01 FC:2253 510.00 DA